

**FY 2000 Budget Estimate**

# **AIR FORCE RESERVE COMMAND**



## **FY 2000 MILITARY CONSTRUCTION PROGRAM**

**February 1999**

**Justification Data Submitted to Congress**

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**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE COMMAND  
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2000  
MILITARY CONSTRUCTION PROGRAM**

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**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE COMMAND  
MILITARY CONSTRUCTION PROGRAM  
(DOLLARS IN THOUSANDS)**

**MAJOR CONSTRUCTION**

FY 2000 MILITARY CONSTRUCTION STATE LIST

<u>STATE/ COUNTRY</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH AMOUNT</u>	<u>APPROP AMOUNT</u>	DD FORM 1391 <u>PAGE #</u>
Arkansas	Little Rock AFB			
	Alter Aerial Port Training Facility	<u>800</u>	<u>209</u>	3
	SUBTOTAL	800	209	
Florida	Homestead ARS			
	Fire Fighter Training Facility	<u>2,000</u>	<u>524</u>	8
	SUBTOTAL	2,000	524	
Georgia	Dobbins ARB			
	Add/Alter Facilities for C-130H Aircrew Training	2,130	558	13
	Robins AFB			
	Add/Alter AFRC Headquarters and Alternate Tanker Airlift Control Center (ATACC)	<u>14,000</u>	<u>3,666</u>	18
	SUBTOTAL	16,130	4,224	
Washington	McChord AFB			
	Add/Alter C-17 Squadron Operations/Aircraft Maintenance Unit (AMU) Facility	<u>3,300</u>	<u>864</u>	23
	SUBTOTAL	3,300	864	
	TOTAL IN THE UNITED STATES	22,230	5,821	
Worldwide	Unspecified Minor Construction	4,467	4,467	
	Arch & Eng Svsc and Const Design	<u>1,867</u>	<u>1,867</u>	
	<b>GRAND TOTAL</b>	<b>28,564</b>	<b>12,155</b>	

**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE COMMAND  
MILITARY CONSTRUCTION PROGRAM  
(DOLLARS IN THOUSANDS)**

**MAJOR CONSTRUCTION**

FY 2000 NEW MISSION/ENVIRONMENTAL/CURRENT MISSION LISTING

<u>LOCATION</u>	<u>PROJECT</u>	<u>APPR</u>	<u>NEW/ENVIR/ CURRENT</u>
Little Rock AFB, AR	Alter Aerial Port Training Facility	209	Current
Homestead ARS, FL	Fire Fighter Training Facility	524	Environmental
Dobbins ARB, GA	Add/Alter Facilities for C-130H Aircrew Training	558	New
Robins AFB, GA	Add/Alter AFRC Headquarters and ATACC	3,666	Current
McChord AFB, WA	Add/Alter C-17 Squadron Operations/AMU Facility	<u>864</u>	New
	TOTAL	5,821	
	Subtotals:		
	New Mission	1,422	
	Current Mission	3,875	
	Environmental Work	524	
	Unspecified Minor Construction	4,467	
	Arch & Eng Svcs and Const Design	<u>1,867</u>	
	<b>GRAND TOTAL</b>	<b>12,155</b>	

## **SECTION 1**

### **SPECIAL PROGRAM CONSIDERATIONS**

**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE COMMAND  
MILITARY CONSTRUCTION PROGRAM  
(DOLLARS IN THOUSANDS)**

**MAJOR CONSTRUCTION**

FY 2000 POLLUTION ABATEMENT/ENERGY CONSERVATION LISTING

<u>LOCATION</u>	<u>PROJECT</u>		<u>APPR</u>	<u>TYPE</u>	DD Form 1391 <u>Page #</u>
Homestead ARS, FL	Fire Fighter Training Facility		<u>524</u>	Abatement	8
		TOTAL	<u>524</u>		
	Subtotals:				
	Pollution Abatement		524		
	Energy Conservation		<u>0</u>		
	<b>GRAND TOTAL</b>		<b>524</b>		

**SECTION 2**

**BUDGET APPENDIX EXTRACT**

**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE COMMAND  
MILITARY CONSTRUCTION PROGRAM**

**FY 2000 APPROPRIATION LANGUAGE**

**MILITARY CONSTRUCTION, AIR FORCE RESERVE COMMAND**

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air Force Reserve as authorized by Chapter 1803 of Title 10, United States Code, and military construction authorization acts, \$12,155,000 to remain available until 30 September 2004. In addition, for completion of projects begun in fiscal year 2000, \$15,165,000 to become available on October 1, 2000 and to remain available until September 30, 2005. Further, for the foregoing purposes, \$20,014,000 to become available on October 1, 2000 and remain available until September 30, 2005.



**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE COMMAND  
MILITARY CONSTRUCTION PROGRAM - FISCAL YEAR 2000**

**SPECIAL PROGRAM CONSIDERATIONS**

**Pollution Abatement**

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective action is accomplished in accordance with applicable standards and criteria.

**Energy Conservation**

Military construction projects specifically designed for energy conservation at installations have been developed, reviewed and selected with prioritization by energy savings per investment costs. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

**Flood Plain Management and Wetlands Protection**

Proposed land acquisitions, disposals and installation construction projects have been planned to allow for the proper management of flood plains and protection of wetlands by avoiding long term impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 22990.

**Design for Accessibility of Physically Handicapped Personnel**

In accordance with Public Law 900-400, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

**Preservation of Historical Sites and Structures**

Facilities in this program do not directly or indirectly affect any district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on DD Form 1391.

**Environmental Protection**

In accordance with Section 102(2)(c) of the National Environmental Protection Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in this Military Construction Program.

### Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects included in this program. This program represents the most economical use of resources.

### Reserve Manpower Potential

The Reserve manpower potential to meet and maintain authorized strengths of all Reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other services having Reserve flying/non-flying units in these areas, that the number of units of the Reserve components of the Armed Forces presently located in these areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that can reasonably be expected to be maintained at authorized strength levels considering the number of persons living in these areas who are qualified for membership in those Reserve units.

### Potential Use of Vacant Schools & Other State & Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

### Congressional Reporting Requirements

Page iii, titled "New Mission/Environmental/Current Mission Listing," is in response to a Senate Appropriations Committee requirement contained on page 10 (New and Current Mission Activities) of Report #100-380.

Section 4, titled "Future-Years Military Construction Program," is in response to a House of Representatives Authorization Conference requirement contained on page 287, Section 1257 (Information on Proposed Funding for the Guard and Reserve Components in Future-Years Defense Programs) of Report #104-724.

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facilities Planning and Design Guide."

### **SECTION 3**

#### **INSTALLATION AND PROJECT JUSTIFICATION DATA DD FORMS 1390 AND 1391**

1. COMPONENT  AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE  FEB 99
3. INSTALLATION AND LOCATION  LITTLE ROCK AIR FORCE BASE, ARKANSAS					4. AREA CONSTR COST INDEX 0.80
5. FREQUENCY AND TYPE UTILIZATION  Facility to be used daily. Unit training assemblies are two days per month and field training is conducted 15 days per year.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS  1 Air National Guard Unit					
7. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>AUTH (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>
171-443	Alter Aerial Port Training Fac	744 SM	800	05/94	06/99
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION					<u>22 Oct 97</u> (Date)
Approved for unilateral construction.					
9. LAND ACQUISITION REQUIRED					<u>NONE</u> (Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>AUTH (\$000)</u>	<u>YEAR</u>	
NONE					
11. RPM BACKLOG AT THIS INSTALLATION (\$000):					<u>N/A</u>
RPM at an Active Air Force installation is the responsibility of the host.					

1. COMPONENT	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE		
AFRC		FEB 99		
3. INSTALLATION AND LOCATION				
LITTLE ROCK AIR FORCE BASE, ARKANSAS				
11. PERSONNEL STRENGTH AS OF 1 SEP 98				
	<u>TOTAL</u>	PERMANENT <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u>	GUARD/RESERVE <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	4	0   2   2	135	4   131
ACTUAL	4	0   2   2	136	4   132
12. RESERVE UNIT DATA				
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>		
		<u>AUTHORIZED</u>	<u>ACTUAL</u>	
	96 <sup>th</sup> Mobile Aerial Port Squadron	135	136	
13. MAJOR EQUIPMENT AND AIRCRAFT				
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>	
	NONE			

1. COMPONENT  AFRC		FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE  FEB 99	
3. INSTALLATION AND LOCATION  LITTLE ROCK AIR FORCE BASE, ARKANSAS			4. PROJECT TITLE ALTER AERIAL PORT TRAINING FACILITY		
5. PROGRAM ELEMENT  55396F	6. CATEGORY CODE  171-443	7. PROJECT NUMBER  NKAK939100	8. PROJECT COST (\$000) Auth: 800 Appr: 209		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
ALTER AERIAL PORT TRAINING FACILITY	SM	744	735	547	
SUPPORTING FACILITIES				141	
UTILITIES	LS			(131)	
SITE IMPROVEMENTS	LS			( 10)	
SUBTOTAL				688	
CONTINGENCY (10%)				69	
TOTAL CONTRACT COST				757	
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				43	
TOTAL REQUEST				800	
Description of Proposed Construction: Alter existing facility for an Aerial Port Training Facility. Work also includes constructing a means of access to an existing parking lot. Project includes all necessary utilities and alterations to existing utilities.					
11. REQUIREMENT: 1,860 SM ADEQUATE: 1,116 SM SUBSTANDARD: 744 SM PROJECT: Alter Aerial Port Training Facility. (Current Mission) REQUIREMENT: Alteration of an existing facility is required to support aerial port training requirements of the 96 <sup>th</sup> Mobile Aerial Port Squadron. The facility will include administrative space, classrooms, practice and load build-up space, and mobility and equipment secure storage areas. Alteration of approximately 744 SM of the facility is required to properly configure space for the administrative function of the unit. Alteration of the HVAC and lighting systems are required throughout the entire facility. Construction of a means of access from the facility to an existing parking lot is also required. CURRENT SITUATION: The 96 <sup>th</sup> Mobile Aerial Port Squadron is now in its fourth interim location since its activation in 1975. The unit currently occupies several facilities. The main facility is scheduled to be demolished to accommodate a new active duty control tower. IMPACT IF NOT PROVIDED: The unit and host base have identified temporary work-arounds until this project can be constructed. If not constructed when the unit loses use of the host facilities, the unit will have inadequate space at Little Rock AFB. This will substantially degrade their combat readiness. ADDITIONAL: The cost of constructing new aircraft parking for the Active Air Force host exceeds the cost of providing new aerial port training space. POC: Mr. Edward Rodgers, HQ AFRC/CEPD, DSN 497-1056. ALTER AERIAL PORT TRAINING FACILITY: 744 SM = 8,004 SF.					

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 99
3. INSTALLATION AND LOCATION LITTLE ROCK AIR FORCE BASE, ARKANSAS		
4. PROJECT TITLE ALTER AERIAL PORT TRAINING FACILITY		5. PROJECT NUMBER NKAK939100
<p><u>ADDITIONAL (continued)</u>: This project is phased over two years. Both phases will be implemented as a continuous project using a single construction contract with full authorization amount of \$800 thousand in FY 2000. To finance both phases, an appropriation of \$209 thousand is requested in FY 2000 and an advance appropriation of \$591 thousand is requested for the balance of the project.</p>		

1. COMPONENT  AFRC	<b>FY 2000 MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  FEB 99
3. INSTALLATION AND LOCATION  LITTLE ROCK AIR FORCE BASE, ARKANSAS		
4. PROJECT TITLE  ALTER AERIAL PORT TRAINING FACILITY		5. PROJECT NUMBER  NKAK939100
12. <u>SUPPLEMENTAL DATA:</u>		
A. DESIGN DATA (Estimated)		
1. STATUS		
a. Date Design Started	94 MAY 02	
b. Parametric Cost Estimate used to develop costs	_____ N	
c. Percentage Complete as of January 1, 1999	_____ 35%	
d. Date Design 35% Complete	98 AUG 26	
e. Date Design Complete	99 JUN 01	
2. BASIS		
a. Standard or Definitive Design - Yes _____ No <u>X</u> .		
b. Where Design Was Most Recently Used <u>N/A</u> .		
3. COST (Total ) = c + a + b or d + e		(\$000)
a. Production of Plans and Specifications	( _____ 48)	
b. All Other Design Costs	( _____ 64)	
c. Total	( _____ 112)	
d. Contract	( _____ 0)	
e. In-house	( _____ 112)	
4. CONSTRUCTION START		99 NOV (year and month)
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:		
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>
Cost <u>(\$000)</u>		
NONE		



1. COMPONENT  AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE  FEB 99
3. INSTALLATION AND LOCATION  HOMESTEAD AIR RESERVE STATION, FLORIDA					4. AREA CONSTR COST INDEX 0.94
5. FREQUENCY AND TYPE UTILIZATION  Facility is to be used daily to train fire fighters and maintain their readiness standard.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS  1 Air National Guard Unit 1 National Coast Guard Unit					
7. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>AUTH (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>
179-511	Fire Fighter Training Facility	1 EA	2,000	08/94	06/99
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION					28 Jan 99 (Date)
Re-approved for unilateral construction					
9. LAND ACQUISITION REQUIRED					NONE (Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>AUTH (\$000)</u>	<u>YEAR</u>	
NONE					
11. RPM BACKLOG AT THIS INSTALLATION (\$000):					54,600

1. COMPONENT	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE		
AFRC		FEB 99		
3. INSTALLATION AND LOCATION				
HOMESTEAD AIR RESERVE STATION, FLORIDA				
11. PERSONNEL STRENGTH AS OF 1 SEP 98				
	<u>TOTAL</u>	<u>PERMANENT</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u>	<u>GUARD/RESERVE</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	607	0      3      604	1163	111    1052
ACTUAL	594	0      3      591	366	33     332
12. RESERVE UNIT DATA				
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>			
	<u>AUTHORIZED</u>			<u>ACTUAL</u>
AFR Recruiting	3			3
70 <sup>TH</sup> Aerial Port Squadron	192			182
93 <sup>RD</sup> Fighter Squadron	338			234
482 <sup>ND</sup> Wing	1236			540
951 <sup>ST</sup> RES Support	1			1
TOTAL	1770			960
13. MAJOR EQUIPMENT AND AIRCRAFT				
<u>TYPE</u>	<u>AUTHORIZED</u>			<u>ASSIGNED</u>
F-16C	15			18

1. COMPONENT  AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE  FEB 99	
3. INSTALLATION AND LOCATION HOMESTEAD AIR RESERVE STATION, FLORIDA			4. PROJECT TITLE  FIRE FIGHTER TRAINING FACILITY		
5. PROGRAM ELEMENT  55356F	6. CATEGORY CODE  179-511	7. PROJECT NUMBER  HACC963025	8. PROJECT COST (\$000) Auth: 2,000 Appr: 524		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
FIRE FIGHTER TRAINING FACILITY		LS			1,245
AIRCRAFT MOCK-UP BURN PIT		EA	1	1,050,000	(1,050)
SEARCH & CONFINED SPACE TRAINING BLDG		EA	1	150,000	( 150)
DRAFTING PIT		EA	1	45,000	( 45)
SUPPORTING FACILITIES					557
UTILITIES & OIL/WATER SEPARATOR		LS			( 112)
FUEL STORAGE TANKS		CM	42	2,238	( 94)
SITE PREPARATION		CM	12,000	8	( 96)
PAVEMENTS		SM	850	153	( 130)
SECURITY FENCE		LM	1,050	119	( 125)
SUBTOTAL					1,802
CONTINGENCY (5%)					90
TOTAL CONTRACT COST					1,892
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					108
TOTAL REQUEST					2,000
10. Description of Proposed Construction: Construct a circular burn area with double flexible membrane liners, water/fuel drainage systems, leak detection, propane gas tank, pumps, valves, controls, piping, effluent holding pond, lighting, and compacted drive around the area. Also construct a search & confined space training building of masonry concrete with movable partitions, pipes, hatches, tanks, and small opening.					
11. REQUIREMENT: 1 EA ADEQUATE: 0 SUBSTANDARD: 1 EA PROJECT: Fire Fighter Training Facility. (Environmental Compliance) <u>REQUIREMENT:</u> This is a Level I environmental compliance requirement. A live-fire training facility, meeting all environmental and safety regulations, is required. Live-fire training is required (Air Force, FAA, OSHA) to enable fire fighters to maintain a high level of proficiency by extinguishing aircraft interior fires and mass fuel spills and running fuel fires. These exercises, performed on mock-ups representing the mission-assigned aircraft, have historically created compliance problems with the Clean Air and Clean Water Acts. An impermeable lining below the training areas with associated oil/water separations and waste holding facilities are required to prevent leaching into the ground. <u>CURRENT SITUATION:</u> The existing live-fire training facility violates Environmental Protection Agency (EPA) regulations. The existing oil/water separator is not capable of adequately separating the foaming agent and unburned fuel from the water. The existing facility has been closed for the purposes of restoration and due to the environmental problems that occur from the use of the facility. Live-fire training is mandatory for each military Fire Fighter to be eligible for deployment during a wartime commitment. Due to this facility being closed, our Fire Fighters are having to train off-site,					

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 98
3. INSTALLATION AND LOCATION HOMESTEAD AIR RESERVE STATION, FLORIDA		
4. PROJECT TITLE FIRE FIGHTER TRAINING FACILITY		5. PROJECT NUMBER HACC963025
<p>with less frequency, at greater expense and inconvenience.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The inadequate fire training conditions at Homestead Air Reserve Station will continue and will affect the high level of proficiency required in aircraft crash-fire fighting. The required level and frequency of live-fire training for the assigned fire fighters is not available. Off-site training causes manning shortages and could pose problems if fires occur while fire fighters are absent. Without the stress and realism that comes only with live fires, fire fighters lose proficiency in combating fires. The potential for loss of aircraft and life is increased.</p> <p><u>ADDITIONAL:</u> The Air Force has developed a "standard" or generic design for a Fire Fighter Training Facility which incorporates all of the requirements for fire fighter training and all environmental compliance standards. This estimate is based on the standard design for this location and this design will be used and site-adapted for this particular installation. The Search and Confined Space Training Facility is added to the standard design to satisfy recent confined space training requirements. POC: HQ AFRC/CEPD, Mr. Richard Eunice, DSN 497-1057.</p> <p>This project is phased over two years. Both phases will be implemented as a continuous project using a single construction contract with full authorization amount of \$2.0 million in FY 2000. To finance both phases, an appropriation of \$524 thousand is requested in FY 2000 and an advance appropriation of \$1.476 million is requested for the balance of the project.</p>		

1. COMPONENT  AFRC	<b>FY 2000 MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  FEB 99
3. INSTALLATION AND LOCATION  HOMESTEAD AIR RESERVE STATION, FLORIDA		
4. PROJECT TITLE  FIRE FIGHTER TRAINING FACILITY		5. PROJECT NUMBER  HACC963025
12. <u>SUPPLEMENTAL DATA:</u>		
A. DESIGN DATA (Estimated)		
1. STATUS		
a. Date Design Started	94 AUG 01	
b. Parametric Cost Estimate used to develop costs	_____ Y	
c. Percentage Complete as of January 1, 1999	_____ 65%	
d. Date Design 35% Complete	94 SEP 15	
e. Date Design Complete	99 JUN 01	
2. BASIS		
a. Standard or Definitive Design - Yes _____ No <u>X</u> .		
b. Where Design Was Most Recently Used <u>N/A</u> .		
3. COST (Total ) = c = a + b or d + e <span style="float: right;">(\$000)</span>		
a. Production of Plans and Specifications	( _____ 145)	
b. All Other Design Costs	( _____ 52)	
c. Total	( _____ 197)	
d. Contract	( _____ 0)	
e. In-house	( _____ 197)	
4. CONSTRUCTION START <span style="float: right;">99 NOV</span>		
(year and month)		
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:		
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>
NONE		Cost (\$000)

1. COMPONENT  AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE  FEB 99
3. INSTALLATION AND LOCATION  DOBBINS AIR RESERVE BASE, GEORGIA					4. AREA CONSTR COST INDEX 0.93
5. FREQUENCY AND TYPE UTILIZATION  Facility to be used daily. Unit training assemblies are two days per month and field training is conducted 15 days per year.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS  2 Army Installations 1 Naval Air Station 1 Air National Guard Unit					
7. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>AUTH (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>
171-211	Add/Alter Facilities for C-130H Aircrew Training	1,585 SM	2,130	03/99	11/99
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION					<u>15 Jul 98</u> (Date)
Approval for unilateral construction.					
9. LAND ACQUISITION REQUIRED					<u>NONE</u> (Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>AUTH (\$000)</u>	<u>YEAR</u>	
111-111	C-130 Assault Strip	30,519 SM	6,350	2001	
721-315	Base Visiting Airmen's Quarters	2,292 SM	5,100	2002	
11. RPM BACKLOG AT THIS INSTALLATION (\$000):					<u>18,500</u>

1. COMPONENT	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE
AFRC		FEB 99
3. INSTALLATION AND LOCATION		
DOBBINS AIR RESERVE BASE, GEORGIA		
11. PERSONNEL STRENGTH AS OF 1 SEP 98		
	<u>TOTAL</u> <u>PERMANENT</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>GUARD/RESERVE</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	629      2      21      606	1501      259      1242
ACTUAL	668      2      21      645	1271      206      1065
12. RESERVE UNIT DATA		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
AFR Command OL-J	3	5
AFR Contract Accounting & Finance	39	40
AFR Management Engineering	17	18
AFR Recruiting	11	11
22 <sup>nd</sup> AF Headquarters	115	81
80 <sup>th</sup> Aerial Port Squadron	214	191
700 <sup>th</sup> Airlift Flight	121	106
94 <sup>th</sup> Wing Headquarters	1,474	1,375
622 <sup>nd</sup> Regional Support	91	73
628 <sup>th</sup> Civil Engineer Squadron	14	17
951 <sup>st</sup> Reserve Support Squadron	15	15
952 <sup>nd</sup> Reserve Support Squadron	16	7
Total	2,130	1,939
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
C-130H	8	9

1. COMPONENT  AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE  FEB 99
3. INSTALLATION AND LOCATION  DOBBINS AIR RESERVE BASE, GEORGIA			4. PROJECT TITLE ADD/ALTER FACILITIES FOR C-130H AIRCREW TRAINING	
5. PROGRAM ELEMENT  54343F	6. CATEGORY CODE  171-211	7. PROJECT NUMBER  FGWB990044	8. PROJECT COST (\$000) Auth: 2,130 Appr: 558	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ADD/ALTER FACILITIES FOR C-130 AIRCREW TRAINING				1,756
ADD TO TRAINING FACILITIES	SM	387	1,752	(678)
ALTER TRAINING FACILITIES	SM	1,198	900	(1,078)
SUPPORTING FACILITIES				76
UTILITIES	LS			( 36)
PAVEMENTS	LS			( 15)
SITE IMPROVEMENTS	LS			( 25)
SUBTOTAL				1,832
CONTINGENCY (10%)				183
TOTAL CONTRACT COST				2,015
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				115
TOTAL REQUEST				2,130
EQUIPMENT: From Other Appropriations (Non-Add)				(100)
10. Description of Proposed Construction: Reinforced concrete foundation and flooring. Steel frame/roof. Masonry walls. Includes all necessary site work and supporting utilities upgrade.				
11. REQUIREMENT: 2,275 SM    ADEQUATE: 690 SM    SUBSTANDARD: 1,198 SM <u>PROJECT:</u> Add to and alter existing squadron operations and aircraft maintenance facilities to convert to a C-130H flying training mission. (New Mission) <u>REQUIREMENT:</u> Facilities are required to provide operations training classrooms and support space for C-130H aircrew training. Functions include classrooms, mission planning areas, instructor offices, life support, training load buildup areas, and training squadron command and administration. <u>CURRENT SITUATION:</u> The reserve squadron is currently a combat tasked tactical airlift squadron (8 PAA C-130H). In order to meet the growing C-130H aircrew training requirements for the active and reserve and to conserve training funds, the squadron is converting to a flying training squadron (8 PAA C-130H). This will result in an increase in the number of full time aircrews within the squadron, necessitating additional offices for instructors. To support the influx of students, estimated at 250 per year, the facilities must be altered and added to for classroom and life support space as well as training administrative and support space, to include aerial delivery load buildup and storage. <u>IMPACT IF NOT PROVIDED:</u> The unit will be unable to train a sufficient number of students to justify the change in mission. The backlog of aircrew training requirements cannot be reduced and training funds cannot be conserved. <u>ADDITIONAL:</u> POC: HQ AFRC/CEPD, Mr. Richard Eunice, DSN 497-1057. ADDITION WORK: 387 SM = 4,164 SF. ALTERATION WORK: 1,198 SM = 12,890 SF.				



1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 99
3. INSTALLATION AND LOCATION DOBBINS AIR RESERVE BASE, GEORGIA		
4. PROJECT TITLE ADD/ALTER FACILITIES FOR C-130H AIRCREW TRAINING		5. PROJECT NUMBER FGWB990044
<p><u>ADDITIONAL (continued)</u>: This project is phased over two years. Both phases will be implemented as a continuous project using a single construction contract with full authorization amount of \$2.130 million in FY 2000. To finance both phases, an appropriation of \$558 thousand is requested in FY 2000 and an advance appropriation of \$1.572 million is requested for the balance of the project.</p>		

1. COMPONENT  AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  FEB 99
3. INSTALLATION AND LOCATION  DOBBINS AIR RESERVE BASE, GEORGIA		
4. PROJECT TITLE  ADD/ALTER FACILITIES FOR C-130H AIRCREW TRAINING	5. PROJECT NUMBER  FGWB990044	
12. <u>SUPPLEMENTAL DATA:</u>		
A. DESIGN DATA (Estimated)		
1. STATUS		
a. Date Design Started	99 MAR 01	
b. Parametric Cost Estimate used to develop costs	_____ Y	
c. Percentage Complete as of January 1, 1999	_____ 0%	
d. Date Design 35% Complete	99 MAY 01	
e. Date Design Complete	99 NOV 01	
2. BASIS		
a. Standard or Definitive Design - Yes _____ No <u>X</u> .		
b. Where Design Was Most Recently Used <u>N/A</u> .		
3. COST (Total ) = c = a + b or d + e <span style="float: right;">(\$000)</span>		
a. Production of Plans and Specifications	( _____ 5)	
b. All Other Design Costs	( _____ 187)	
c. Total	( _____ 192)	
d. Contract	( _____ 135)	
e. In-house	( _____ 57)	
4. CONSTRUCTION START <span style="float: right;">99 JAN _____.</span> (year and month)		
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:		
Equipment <u>Nomenclature</u> Furnishings	Procuring <u>Appropriation</u> 3740	Fiscal Year Appropriated <u>Or Requested</u> 2000
		Cost (\$000) 100

1. COMPONENT  AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE  FEB 99
3. INSTALLATION AND LOCATION  ROBINS AIR FORCE BASE, GEORGIA					4. AREA CONSTR COST INDEX 0.82
5. FREQUENCY AND TYPE UTILIZATION  Facility to be used daily as a full time major command. Facility occupied by civilian, active duty and reserve personnel.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS  1 Air National Guard Unit					
7. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>AUTH (\$000)</u>	<u>DESIGN START</u>	<u>DESIGN COMPLETE</u>
610-284	Add/Alter AFRC HQ & ATACC	14,943 SM	14,000	10/97	04/99
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION					15 Jul 98 (Date)
Re-approved for unilateral construction.					
9. LAND ACQUISITION REQUIRED					NONE (Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>AUTH (\$000)</u>	<u>YEAR</u>	
NONE					
11. RPM BACKLOG AT THIS INSTALLATION (\$000):					N/A
RPM at an Active Air Force installation is the responsibility of the host.					

1. COMPONENT	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE
AFRC		FEB 99
3. INSTALLATION AND LOCATION		
ROBINS AIR FORCE BASE, GEORGIA		
11. PERSONNEL STRENGTH AS OF 1 SEP 98		
	<u>TOTAL</u> <u>PERMANENT</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>GUARD/RESERVE</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	740      128      197      415	0      0      0
ACTUAL	774      125      241      408	0      0      0
12. RESERVE UNIT DATA		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	<u>ACTUAL</u>
HQ AFRC	740	774
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
NONE		

1. COMPONENT  AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE  FEB 99
3. INSTALLATION AND LOCATION  ROBINS AIR FORCE BASE, GEORGIA			4. PROJECT TITLE  ADD/ALTER AFRC HQ & ATACC	
5. PROGRAM ELEMENT  55396F	6. CATEGORY CODE  610-284	7. PROJECT NUMBER  UHHZ959210	8. PROJECT COST (\$000) Auth: 14,000 Appr: 3,666	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ADD /ALTER AFRC HQ & ATACC				10,902
ADD TO EAST ANNEX (3 <sup>RD</sup> FLOOR)	SM	815	836	( 681)
ADD TO WEST ANNEX (3 <sup>RD</sup> FLOOR)	SM	730	879	( 642)
ADDITION: 3-STORY INFILL AREA	SM	1,338	835	( 1,117)
ADDITION: RESTROOMS/MECHANICAL ROOM	SM	410	659	( 270)
UPGRADE EXTERIOR	SM	2,859	168	( 480)
HVAC/PLUMBING/MECHANICAL/ELECT/COMM	SM	11,650	442	( 5,149)
INTERIOR ALTERATIONS/FINISHES	SM	11,650	220	( 2,563)
SUPPORTING FACILITIES				1,139
UTILITIES/PAVEMENTS/SITE WORK/TRAILERS	LS			( 1,139)
SUBTOTAL				12,041
CONTINGENCY (10%)				1,204
TOTAL CONTRACT COST				13,245
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				755
TOTAL REQUEST				14,000
EQUIPMENT: From Other Appropriations (Non-Add)				(9,415)
10. Description of Proposed Construction: Add third floor to east and west annexes. Add a 3-story infill between two interior wings. Add mechanical equipment space. Add an area for Alternate Tanker Airlift Control Center. Remove/replace all electrical and mechanical subsystems to support new floor plan and new system furniture. Upgrade all ceilings, floors, wallcoverings, and restrooms. Upgrade exterior with low-maintenance textured finish. Includes landscaping, primary utilities, and all necessary supporting facilities.				
11. REQUIREMENT: 14,943 SM ADEQUATE: 0 SUBSTANDARD: 11,650 SM PROJECT: Add to and Alter Air Force Reserve Command Headquarters (AFRC HQ) and Add Alternate Tanker Airlift Control Center (ATACC). REQUIREMENT: Adequate facility space is required for the AFRC staff to provide needed support to field units and to train deployable staff members in their wartime taskings (Current Mission). Space is required for ATACC activation should TACC operations be lost at Scott AFB, IL (New Mission). The wing infill is required to offset the space given to ATACC. CURRENT SITUATION: HQ AFRC currently occupies building 210, an 11,650 SM building constructed in 1955. Currently, AFRC is leasing off-base space and overcrowding exists in this facility. Space within building 210 must be rearranged to relieve overcrowding and to match the same standard in the renovated HQ AFRC Annex (building 220). Workstation size in building 210 is 4.6 SM compared to the Air Force minimum standard of 6.3 SM. Additionally, the utility subsystems in building 210 (HVAC/electrical/plumbing/communications/etc.) are antiquated and severely undersized for their current loading. The facility is structurally sound and can be renovated				

1. COMPONENT AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 99
3. INSTALLATION AND LOCATION ROBINS AIR FORCE BASE, GEORGIA		
4. PROJECT TITLE ADD/ALTER AFRC HQ & ATACC		5. PROJECT NUMBER UHHZ959210
<p>for less cost than new construction. The ATACC facility is currently located at Travis AFB, CA and is scheduled for demolition by FY 1999, requiring a move to another site. Locating the ATACC within the AFRC HQ facility will enhance the synergy between Air Mobility Command (AMC) and reserve forces. Should the TACC go down, HQ AFRC personnel can immediately pick up flight-following responsibility for priority AMC missions. Upon relocating to building 210, TACC personnel can stand-up the ATACC and assume control of AMC airlift operations in progress. The TACC provides two-way connectivity between United States Transportation Command (USTRANSCOM) and AMC's global forces executing missions worldwide. It provides USTRANSCOM visibility over AMC operations as well as in-transit visibility for the airlift/air refueling user. The total or partial loss of the TACC would, within 24 hours, adversely affect AMC's capability to continue its global reach mission. Co-location with HQ AFRC would provide efficiency through joint use of space during exercise training periods.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Off base leasing will significantly increase at a cost of \$300,000 to \$350,000 per year. Overcrowding in the existing facility will continue to degrade training while increasing safety risks. A new replacement facility will have to be constructed at a higher cost. The TACC could lose its continuity of operations capability. Once the existing ATACC at Travis AFB is demolished by 1999, the TACC will not have a viable relocation site should operations be lost at Scott AFB. USTRANSCOM visibility over AMC global assets would be degraded.</p> <p><u>ADDITIONAL:</u> POC: HQ AFRC/CEPD, Mr. Steve Albert, DSN 497-1055. ADDITION WORK: 3,293 SM = 35,427 SF. ALTERATION WORK: 11,650 SM = 125,335 SF.</p> <p>This project is phased over two years. Both phases will be implemented as a continuous project using a single construction contract with full authorization amount of \$14.0 million project in FY 2000. To finance both phases, an appropriation of \$3.666 million is requested in FY 2000 and an advance appropriation of \$10.334 million is requested for the balance of the project.</p>		

1. COMPONENT  AFRC	<b>FY 2000 MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  FEB 99	
3. INSTALLATION AND LOCATION  ROBINS AIR FORCE BASE, GEORGIA			
4. PROJECT TITLE  ADD/ALTER AFRC HQ & ATACC		5. PROJECT NUMBER  UHHZ959210	
12. <u>SUPPLEMENTAL DATA:</u>			
A. DESIGN DATA (Estimated)			
1. STATUS			
a. Date Design Started	<u>97 OCT 01</u>		
b. Parametric Cost Estimate used to develop costs	<u>Y</u>		
c. Percentage Complete as of January 1, 1999	<u>60%</u>		
d. Date Design 35% Complete	<u>98 APR 28</u>		
e. Date Design Complete	<u>99 APR 12</u>		
2. BASIS			
a. Standard or Definitive Design - Yes <u>    </u> No <u>X</u>			
b. Where Design Was Most Recently Used <u>N/A</u>			
3. COST (Total ) = c = a + b or d + e <span style="float: right;">(\$000)</span>			
a. Production of Plans and Specifications	( <u>960</u> )		
b. All Other Design Costs	( <u>812</u> )		
c. Total	( <u>1772</u> )		
d. Contract	( <u>1556</u> )		
e. In-house	( <u>216</u> )		
4. CONSTRUCTION START <span style="float: right;"><u>99 NOV</u> (year and month)</span>			
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:			
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>
HQ AFRC Furnishings	3740	2000	3,496
ATACC Furnishings/Equipment	3400/3080	2000	<u>5,919</u>
		TOTAL:	9,415

1. COMPONENT  AFRC	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE  FEB 99
3. INSTALLATION AND LOCATION  MCCHORD AIR FORCE BASE, WASHINGTON				4. AREA CONSTR COST INDEX 1.10	
5. FREQUENCY AND TYPE UTILIZATION  Facility to be used daily. Unit training assemblies are two days per month and field training is conducted 15 days per year.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS  1 Army Installation 1 Army National Guard Headquarters					
7. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>AUTH</u> <u>(\$000)</u>	<u>DESIGN</u> <u>START</u>	<u>DESIGN</u> <u>COMPLETE</u>
141-753	Add/Alter C-17 Squad Ops/AMU	1,750 SM	3,300	03/98	06/99
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION				28 Apr 98 (Date)	
Re-approved for unilateral construction.					
9. LAND ACQUISITION REQUIRED				NONE (Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>AUTH</u> <u>(\$000)</u>	<u>YEAR</u>	
NONE					
11. RPM BACKLOG AT THIS INSTALLATION (\$000):				N/A	
RPM at an Active Air Force installation is the responsibility of the host.					



1. COMPONENT	<b>FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE
AFRC		FEB 99
3. INSTALLATION AND LOCATION		
MCCHORD AIR FORCE BASE, WASHINGTON		
11. PERSONNEL STRENGTH AS OF 1 SEP 98		
	<b>PERMANENT</b> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<b>GUARD/RESERVE</b> <u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	323   0   7   316	2,462   420   2,042
ACTUAL	320   0   7   313	2,158   391   1,767
12. RESERVE UNIT DATA		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	<u>ACTUAL</u>
AFR Recruiting	7	7
36 <sup>TH</sup> Aerial Port Squadron	140	136
86 <sup>TH</sup> Aerial Port Squadron	204	185
97 <sup>TH</sup> Airlift Squadron	193	185
313 <sup>TH</sup> Airlift Squadron	194	181
446 <sup>TH</sup> Wing	1,854	1,627
728 <sup>TH</sup> Airlift Squadron	193	157
TOTAL	2,785	2,478
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
C-17 (Associate)	0	0

1. COMPONENT  AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE  FEB 99
3. INSTALLATION AND LOCATION  MCCHORD AIR FORCE BASE, WASHINGTON			4. PROJECT TITLE ADD/ALTER C-17 SQUAD OPS/ AIRCRAFT MAINTENANCE UNIT FAC	
5. PROGRAM ELEMENT  54218F	6. CATEGORY CODE  141-753	7. PROJECT NUMBER  PQWY989006	8. PROJECT COST (\$000) Auth: 3,300 Appr: 864	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ADD/ALTER C-17 SQUAD OPS/AMU FACILITY	LS			2,512
ADD TO SQUADRON OPERATIONS FACILITY	SM	1,100	1,752	(1,927)
ALTER SQUADRON OPERATIONS FACILITY	SM	650	900	( 585)
SUPPORTING FACILITIES				461
UTILITIES	LS			( 200)
PAVEMENTS	LS			( 108)
SITE IMPROVEMENTS	LS			( 65)
COMMUNICATIONS	SM	1,100	80	( 88)
SUBTOTAL				2,973
CONTINGENCY (5%)				149
TOTAL CONTRACT COST				3,122
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				178
TOTAL REQUEST				3,300
EQUIPMENT: From Other Appropriations (Non-Add)				( 320)
10. Description of Proposed Construction: Construct a 1,100 SM addition to the existing squadron operations facility and alter approximately 650 SM for access to the proposed addition. Addition will consist of reinforced concrete foundation, masonry walls, structural steel framing. Sloped metal roof, fire protection systems, utilities, site improvements and all necessary support. Air Conditioning: 145 KW.				
11. REQUIREMENT: 4,417 SM ADEQUATE: 2,667 SM SUBSTANDARD: 650 SM PROJECT: Add to and Alter C-17 Squadron Operations (Squad Ops)/Aircraft Maintenance Unit (AMU) Facility. (New Mission) REQUIREMENT: A properly sized and configured facility is required to consolidate three operational C-17 squadrons. The facility will house squadron command and administration, briefing/debriefing, flight planning, operations scheduling, standardization/evaluation, intelligence, records and flight data, tactics, training, testing, restrooms, physical fitness training, locker rooms, mobility storage, and common use areas. CURRENT SITUATION: Three reserve flying squadrons are currently housed in two existing C-141 Squad Ops facilities. These three squadrons will be reorganized into three C-17 squadrons with the beddown of the new aircraft at McChord AFB beginning in 1999. The two existing facilities are geographically separated, undersized and improperly configured to support C-17 operations. Neither structure is economically upgradable to meet these future requirements. An existing, three squadron, active duty, C-141 Squad Ops building will become available with the construction of a replacement C-17 facility on the flightline. This facility can be easily modified to house the reserve squadrons, to include mobility storage, through execution of this proposed add/alter project. Follow-on uses of the existing facilities have been identified to meet other space deficiencies.				

1. COMPONENT  AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  FEB 99
3. INSTALLATION AND LOCATION  MCCHORD AIR FORCE BASE, WASHINGTON		
4. PROJECT TITLE ADD/ALTER C-17 SQUAD OPS/AIRCRAFT MAINTENANCE UNIT FACILITY		5. PROJECT NUMBER  PQWY989006
<p><u>IMPACT IF NOT PROVIDED:</u> Squadron operations will remain in separated, undersized and poorly configured facilities that will seriously degrade overall command and control and unit cohesiveness, necessary to develop and maintain efficient and effective flying operations.</p> <p><u>ADDITIONAL:</u> POC: HQ AFRC/CEPD, Mr. Ceaser Gorman, DSN 497-1053. ADDITION WORK: 1,100 SM = 11,836 SF. ALTERATION WORK: 650 SM = 6,994 SF.</p> <p>This project is phased over two years. Both phases will be implemented as a continuous project using a single construction contract with full authorization amount of \$3.3 million in FY 2000. To finance both phases, an appropriation of \$864 thousand is requested in FY 2000 and an advance appropriation of \$2.436 million is requested for the balance of the project.</p>		

1. COMPONENT  AFRC	<b>FY 2000 MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  FEB 99
3. INSTALLATION AND LOCATION  MCCHORD AIR FORCE BASE, WASHINGTON		
4. PROJECT TITLE ADD/ALTER C-17 SQUADRON OPERATIONS/AIRCRAFT MAINTENANCE UNIT FACILITY		5. PROJECT NUMBER  PQWY989006
12. <u>SUPPLEMENTAL DATA:</u>		
A. DESIGN DATA (Estimated)		
1. STATUS		
a. Date Design Started	<u>98 MAR 20</u>	
b. Parametric Cost Estimate used to develop costs	<u>      Y      </u>	
c. Percentage Complete as of January 1, 1999	<u>      60%      </u>	
d. Date Design 35% Complete	<u>98 AUG 19</u>	
e. Date Design Complete	<u>99 JUN 21</u>	
2. BASIS		
a. Standard or Definitive Design - Yes <u>      </u> No <u>  X  </u>		
b. Where Design Was Most Recently Used <u>  N/A  </u>		
3. COST (Total ) = c = a + b or d + e <span style="float: right;">(\$000)</span>		
a. Production of Plans and Specifications	( <u>      58      </u> )	
b. All Other Design Costs	( <u>      323      </u> )	
c. Total	( <u>      381      </u> )	
d. Contract	( <u>      342      </u> )	
e. In-house	( <u>      39      </u> )	
4. CONSTRUCTION START <span style="float: right;"><u>99 NOV</u> (year and month)</span>		
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:		
Equipment <u>Nomenclature</u> Furnishings	Procuring <u>Appropriation</u> 3740	Fiscal Year Appropriated <u>Or Requested</u> 2000
		Cost <u>(\$000)</u> 320

**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE COMMAND  
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2000**

**APPROPRIATION:** MILITARY CONSTRUCTION, AIR FORCE RESERVE

PROGRAM 341.020 UNSPECIFIED MINOR CONSTRUCTION    \$4,467,000

**PART I - PURPOSE AND SCOPE**

The funds requested for unspecified minor construction will finance new construction projects having cost estimates less than \$1,500,000.

**PART II - JUSTIFICATION OF FUNDS REQUESTED**

The funds requested for unspecified minor construction will finance unforeseen projects generated during the year and are necessary to support mission requirements.

1. COMPONENT  AFRC		FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE  FEB 99	
3. INSTALLATION AND LOCATION  VARIOUS LOCATIONS				4. PROJECT TITLE  UNSPECIFIED MINOR CONSTRUCTION		
5. PROGRAM ELEMENT  55396F		6. CATEGORY CODE  010-211	7. PROJECT NUMBER  PAYZ000341		8. PROJECT COST (\$000)  4,467	
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION				LS		4,467
SUBTOTAL						4,467
TOTAL CONTRACT COST						4,467
TOTAL REQUEST						4,467
10. Description of Proposed Construction:						
11. REQUIREMENT: As required. <u>PROJECT:</u> Unspecified Minor Construction <u>REQUIREMENT:</u> This appropriation provides a lump sum amount for unspecified minor construction projects, not otherwise authorized by law, having a funded cost less than \$1,500,000. Work includes construction, alteration or conversion of temporary facilities in accordance with Title 10, USC 18233 and 18233a. These projects are not now identified but are expected to arise in FY 00. <u>IMPACT IF NOT PROVIDED:</u> No means to accomplish exigent projects less than \$1,500,000 will exist, severely degrading the ability of the Air Force Reserve Command to efficiently and effectively address unforeseen facility modifications, alteration and conversion requirements.						

## **SECTION 4**

### **OTHER PROGRAM REQUIREMENTS**

1. COMPONENT  AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE  FEB 99	
3. INSTALLATION AND LOCATION  VARIOUS LOCATIONS			4. PROJECT TITLE  PLANNING AND DESIGN		
5. PROGRAM ELEMENT  55396F	6. CATEGORY CODE  010-211	7. PROJECT NUMBER  PAYZ000313	8. PROJECT COST (\$000)  1,867		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PLANNING AND DESIGN		LS			1,867
SUBTOTAL					1,867
TOTAL CONTRACT COST					1,867
TOTAL REQUEST					1,867
10. Description of Proposed Construction:					
11. REQUIREMENT: As required. <u>PROJECT:</u> Planning and Design. (Current Mission) <u>REQUIREMENT:</u> Funds for architectural and engineering services and construction provide for the completed design of facilities and evaluation of designs in terms of technical adequacy and estimated costs. In addition, these funds are required to prepare site surveys, develop master plans, working drawings, specifications, project planning reports, and designs required for those construction projects included in the Air Force Reserve Command (AFRC) Military Construction (MILCON) Program. The advanced age and continued deterioration of the AFRC physical plant and infrastructure have generated numerous facility requirements, requiring these architectural and engineering services for design. It is essential the AFRC be funded at the requested level to ensure operational readiness is not hampered or degraded due to inadequate facilities. <u>IMPACT IF NOT PROVIDED:</u> Continued design on this fiscal year program, as well as future year MILCON programs, will be impossible.					



1. COMPONENT  AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE  FEB 99	
3. INSTALLATION AND LOCATION  VARIOUS LOCATIONS			4. PROJECT TITLE SUPERVISION, INSPECTION, AND OVERHEAD		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000) Auth: 0 Appr: - 407		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
SUPERVISION, INSPECTION, AND OVERHEAD		LS			- 407
SUBTOTAL					- 407
TOTAL CONTRACT COST					- 407
TOTAL REQUEST					- 407
10. Description of Proposed Construction:  The funds requested will be used to finance the Supervision, Inspection, and Overhead (SIOH) associated with Air Force Reserve Command Military Construction funded projects and will be executed in Budget Activity 3.					

1. COMPONENT  AFRC	FY 2000 MILITARY CONSTRUCTION PROJECT DATA (computer generated)			2. DATE  FEB 99	
3. INSTALLATION AND LOCATION  VARIOUS LOCATIONS			4. PROJECT TITLE SUPERVISION, INSPECTION, AND OVERHEAD		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000) Auth: 0 Appr: 407		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
SUPERVISION, INSPECTION, AND OVERHEAD					407
SUBTOTAL					407
TOTAL CONTRACT COST					407
TOTAL REQUEST					407
10. Description of Proposed Construction:  Supervision, Inspection, and Overhead (SIOH) costs are being annualized beginning with the FY 2000 budget. These costs will be managed and executed in Budget Activity 3.					

## **SECTION 5**

### **FUTURE-YEARS DEFENSE PROGRAM**

**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE COMMAND  
FY 2001 - FY 2005 FUTURE YEARS DEFENSE PROGRAM (FYDP)  
(DOLLARS IN THOUSANDS)**

<u>FY</u>	<u>State</u>	<u>Installation</u>	<u>Project</u>	<u>Type</u>	<u>Appr</u>
00	AR	Little Rock ARB	Alter Aerial Port Training Facility (Phase 1)	Current Mission	204
00	FL	Homestead ARS	Fire Fighter Training Facility (Phase 1)	Environmental	509
00	GA	Dobbins ARB	Add/Alter Facilities for C-130H Training (Ph 1)	New Mission	542
00	GA	Robins AFB	Add/Alter AFRC Headquarters/ATACC (Ph 1)	Current Mission	3,319
00	WA	McChord AFB	Add/Alter C-17 Squad Operations/AMU (Ph 1)	New Mission	840
				Total MILCON	5,414
				Unspecified MC	4,467
				Planning & Design	1,867
				SIOH for FY 00 Projects	407
				Total FY01 Program	12,155
01	AR	Little Rock ARB	Alter Aerial Port Training Facility (Phase 2)	Current Mission	553
01	FL	Homestead ARS	Fire Fighter Training Facility (Phase 2)	Environmental	1,381
01	GA	Dobbins ARB	Add/Alter Facilities for C-130H Training (Ph 2)	New Mission	1,472
01	GA	Dobbins ARB	C-130 Assault Strip	New Mission	6,008
01	GA	Robins AFB	Add/Alter AFRC Headquarters/ATACC (Ph 2)	Current Mission	9,677
01	MA	Westover ARB	Control Tower	Current Mission	3,973
01	PA	Willow Grove ARS	Alter Hangar/Add Aqueous Film Forming Foam	Current Mission	2,365
01	WA	McChord AFB	Add/Alter C-17 Squad Operations/AMU (Ph 2)	New Mission	2,281
				Total MILCON	27,710
				Unspecified MC	4,704
				Planning & Design	2,184
				SIOH for FY 00-01 Projects	581
				Total FY01 Program	35,179
02	CO	Peterson AFB	Aerial Port/Airlift Control Flight Facility	Current Mission	4,825
02	GA	Dobbins ARB	Base Visiting Airman Quarters	Current Mission	4,676
02	MS	Keesler AFB	C-130J Hangar	New Mission	5,960
				Total MILCON	15,461
				Unspecified MC	4,996
				Planning & Design	2,664
				SIOH for FY 00-02 Projects	694
				Total FY02 Program	23,815
03	DE	Dover AFB	Wing Headquarters Facility	Current Mission	2,741
03	LA	Barksdale AFB	RED HORSE Vehicle Maintenance Facility	Current Mission	2,933
03	MN	Minn-St. Paul ARS	Consolidated Lodging Facility (Phase 2)	Current Mission	10,880
03	NJ	McGuire AFB	Add/Alter Wing Headquarters Facility	Current Mission	2,271
03	OK	Tinker ARB	Add to Squadron Operations	Current Mission	3,690
				Total MILCON	22,515
				Unspecified MC	5,160
				Planning & Design	2,806
				SIOH for FY 00-03 Projects	898
				Total FY03 Program	31,379
04	NY	Niagara Falls ARS	Lodging Facility	Current Mission	6,055
04	PA	Pittsburgh ARS	Consolidated Lodging Facility	Current Mission	16,840
04	PA	Willow Grove ARS	Renovate Wing Headquarters Facility	Current Mission	3,298
				Total MILCON	26,193
				Unspecified MC	5,274
				Planning & Design	2,868
				SIOH for FY 00-04 Projects	1,119
				Total FY04 Program	35,454

**DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE COMMAND  
FY 2001 - FY 2005 FUTURE YEARS DEFENSE PROGRAM (FYDP)  
(DOLLARS IN THOUSANDS)**

<u>FY</u>	<u>State</u>	<u>Installation</u>	<u>Project</u>	<u>Type</u>	<u>Appr</u>
05	CA	March ARB	Fire Station	Current Mission	5,771
05	CA	March ARB	Renovate Pride Hangar	Current Mission	3,312
05	CA	Travis AFB	Aircraft Generation Squadron Training Facility	Current Mission	3,690
05	MO	Whiteman AFB	Squadron Operations Facility	Current Mission	3,255
05	NJ	McGuire AFB	Medical Training Facility (w/ANG)	Current Mission	2,365
05	PA	Pittsburgh ARS	Communications Squadron Training Facility	Current Mission	2,649
05	PA	Willow Grove ARS	Upgrade Storm Drainage System	Current Mission	2,838
05	WI	Mitchell ARS	Add/Alter Composite Training Facility	Current Mission	<u>2,838</u>
				Total MILCON	26,718
				Unspecified MC	5,390
				Planning & Design	2,931
				SIOH for FY 01-05 Projects	<u>1,306</u>
				Total FY05 Program	36,345